Message from the CIO

The CIO Update publication is intended to provide insight into key efforts within the Office of the CIO and across the Department. This inaugural issue provides an overview of the CIO organization and describes major responsibilities and initiatives. The CIO column of the CIO Update will be used to share my perspectives and visions for the Department. One of the important tasks that I have as Chief Information Officer is to articulate a shared vision and to champion initiatives that help achieve this vision. In cooperation with the IT Council, a vision of moving to a consistent IT infrastructure has been reviewed and endorsed. This vision is consistent with efforts at some DOE sites as well as many organizations in industry who are using this approach to manage networks and common desktop services in a consistent, enterprise-wide manner. The benefits of this approach are improved interoperability, reduced cost, and improved security. A pilot implementation of a Common IT Infrastructure will be initiated in the Headquarters during FY 2000 with expansion to other organizations in FY 2001. Likewise in a complementary effort, I expect that the Department Information Architecture Project, which is currently underway, will provide an ability to clarify our vision for common business and support data and associated software applications. This vision will allow us to fine tune our Corporate Management Improvement Program (CMIP). Future issues will provide additional details on these and other Departmental IT initiatives.

The Offices of the CIO

The Office of the CIO consists of five offices: the Office of Information, Records, and Resource Management (SO-31); the Office of Architecture, Standards, and Policy (SO-32); the Office of Cyber Security (SO-33); the Office of the Associate CIO for Operations (SO-34); and the Office of Special Projects (SO-35).

The Office of Information, Records, and Resource Management, under the direction of Mary Ann Wallace, ensures that the DOE's recorded information is managed in an economical, effective, and efficient manner. This office manages and markets the DOE directive system, which directs, guides, informs, and instructs employees in the performance of their jobs and enables them to work effectively within the Department and with other Government agencies, contractors, and the public. This office also provides management and oversight of human resources, business management, and information management (IM) activities, as well as manages a process for the acquisition of IT needs to support the Department's mission in accordance with the Federal Acquisition Regulations (FAR).

The Office of the Associate CIO for Architecture, Standards, and Planning, under the direction of Nancy Tomford, develops and maintains information architecture and standards for information technolo-

gy initiatives and improves the responsiveness to the information needs of its customers and stakeholders. Consistent with the Clinger-Cohen Act, the office conducts systems analyses using the Strategic Information Management (SIM) process to ensure a sound corporate approach for IT investments. This office also provides advice to the Secretary and other senior managers to ensure that IT resources are planned, and managed in a manner that implements the policies and procedures of legislation and the priorities established by the Secretary.

The Office of the Associate CIO for Cyber Security, currently under the direction of John Gilligan, provides leadership and services, in coordination with Program and Field Offices, and site and contractor organizations to ensure world-class, comprehensive and effective protection of electronic information and computer systems which support the diverse missions of the DOE. The Office of Cyber Security maintains a comprehensive and effective cyber/computer security program to protect DOE's classified and unclassified information and IT assets. This office is also responsible for coordinating cyber security activities with Program and Field Offices, site and contractor organizations, as well as the Office of Independent Oversight and Performance Assurance.

The Office of the Associate CIO for Operations, under the direction of Patrick Hargett, is responsible for implementing, managing, and maintaining DOE-wide telecommunication services and operations to include: migration of existing agency networks; development of a Corporate Enterprise Network; conducting business processes reengineering to eliminate and/or streamline telecommunications administrative processes; managing the telecommunications network security program; evaluating and implementing network design tools, and promoting cost-effective telecommunications services through re-engineering/cost sharing agreements. Provides full service Local Area Network (LAN) and deskside support to multiple Headquarters offices as well as Hardware Maintenance, Technical Training, and Assistive Technology services which are available to all offices at Headquarters. Manages the HQ mainframe Enterprise Servers that support a multitude of diverse corporate applications, satisfying nationwide needs in the areas of data management and data sharing enabling the Department to empower employees through information. Provides application systems management for mission critical systems such as Payroll and systems support to such Corporate initiatives as the Corporate Human Resources Information System (CHRIS) project.

The Office of Special Projects, under the direction of John Przysucha, manages and directs high priority, cross-cutting IT projects at the direction of the CIO (i.e. the Year 2000 Project). This office serves as the liaison with Departmental Program and Field

Offices and contractors on corporate and DOE-wide IT matters. The office also provides guidance and support to senior DOE managers on the implementation of IM technology initiatives and coordinates and prepares the Department's positions and status reports to external organizations such as the Federal CIO Council, OMB, GAO and other organizations with government-wide responsibilities.

Introducing the Office of Security and Emergency Operations

"We cannot control or alter the threats to the security interests entrusted to our care. What can be controlled, however, is our ability to plan and respond to threats should they ever materialize. The changing security environment and other threats over the past decade have fundamentally altered the Department's security perspective and posture. This is a significant challenge, but one that the Department of Energy is prepared to meet." -General Eugene E. Habiger (USAF, Retired), DOE Security Czar

On May 11, 1999, Bill Richardson, Energy Secretary, announced that the security programs across the DOE complex would undergo a massive reform with the creation of a high-level Office of Security and Emergency Operations. You can review this reform package at the following web address:

http://home.doe.gov/news/releases99/maypr/reformpak.htm

The man chosen to lead this new security organization is General Eugene E. Habiger (U.S. Air Force, Retired). The General is the Department of Energy's Director of Security and Emergency Operations. As the Department's "Security Czar," he is responsible for implementing the Secretary's security reform plan and oversees all security functions, including safeguards and security policy, cyber-security, critical infrastructure protection, foreign visits and assignments, and emergency operations functions. He is charged by the Secretary with changing the security culture at DOE and establishing a program to re-energize and restore confidence in the Department's security programs.

General Habiger has over 35 years of experience in national security and nuclear operations. In his last assignment as the Commander in Chief of United States Strategic Command, he was responsible for all U.S. Air Force and U.S. Navy strategic forces supporting the national security objective of strategic deterrence. The General began his military career by enlisting in the Army. He went on to complete Air Force Officer Training School in September 1963 as a distinguished graduate. He is a command pilot with more than 5,000 flying hours, primarily in bomber aircraft. During the Vietnam War, he flew 150 combat missions.

The DOE Reorganization to Include the New Office of Security and Emergency Operations

Effective September 26, 1999, the new Office of Security and Emergency Operations (SO) oversees all security-related functions which were previously handled by various DOE offices in Defense Programs, Nonproliferation and National Security, and the Office of the Chief Information Officer (MA-4). The Office of Security and Emergency Operations consists of five core offices: the Office of Resource Management; the Office of Critical Infrastructure Protection; the Office of Security Affairs; the Office of the Chief Information Officer; and the Office of Emergency Operations.

The Office of Resource Management provides direction and control

of managerial activities such as budget preparation, justification and execution; human resources and staffing management; and, organization and management analysis. This office also manages the SO executive secretariat functions and maintains liaison with the Office of Congressional Affairs.

The Office of Critical Infrastructure Protection's primary mission is to work with the national energy sector towards developing a capability to protect the Nation's energy infrastructure. Under Presidential Decision Directive 63 (PDD-63), DOE is the lead federal agency for assuring the continuity and viability of the Nation's critical electric power, oil and gas infrastructures and for the elimination of any significant vulnerability of the energy sector to physical and cyber attacks.

The Office of Security Affairs consists of several offices; the Office of Safeguards and Security (formerly NN-51); the Office of Nuclear and National Security Information (formerly NN-52); the newly formed Office of Plutonium, Uranium and Special Material Inventory; and, the Office of Foreign Visits and Assignments (formerly part of NN-10). Overall, the Office of Security Affairs is responsible for directing safeguards and security policy, classification/declassification policy and the physical security of Headquarters operations. In addition, the Office of Security Affairs, working with other agencies and DOE elements, identifies potential adversaries to DOE, determines the potential vulnerabilities and consequences to DOE from such adversaries, and proposes appropriate policy to respond to such threats.

The Office of the Chief Information Officer (OCIO) provides advice and assistance to the Secretary of Energy and other senior managers to ensure that information technology (IT) is acquired and information resources are managed in a manner that implements the policies and procedures of legislation as well as the priorities established by the Secretary. The OCIO establishes, implements, and maintains a comprehensive and effective cyber/computer security program to protect the Department's classified and unclassified information and IT assets. In line with the Clinger-Cohen Act, the OCIO ensures effective and efficient management of DOE information technology investments and continues to report directly to the Deputy Secretary relating to these matters.

The Office of Emergency Operations consists of the Office of Emergency Management (formerly NN-61) and the Emergency Response Division (formerly DP-23). The Office of Emergency Operations serves as the DOE single point of contact and control for all emergency management activities. The Office also administers and directs the programs of DOE's emergency response capability to ensure availability to respond to nuclear and radiological emergencies and provide disaster support during natural emergencies within the U.S. and abroad.

How to Contact the CIO's Office

John Gilligan, CIO john.gilligan@hq.doe.gov	202-586-0166 202-586-7966 (Fax)
Mary Ann Wallace, Director: SO-31 maryann.wallace@hq.doe.gov	202-586-1216 202-586-7966 (Fax)
Nancy Tomford, Acting Associate CIO: SO-32 nancy.tomford@hq.doe.gov	202-586-7480 202-586-7966 (Fax)
John Gilligan, Acting Associate CIO: SO-33 john.gilligan@hq.doe.gov	202-586-0166 202-586-7966 (Fax)
Patrick Hargett, Acting Associate CIO: SO-34 patrick.hargett@hq.doe.gov	301-903-4625 301-903-7045 (Fax)
John Przysucha, Director: SO-35 john.przysucha@hq.doe.gov	202-586-8836 202-586-7966 (Fax)